

Appl. No.: 10/055,089
Amdt. dated July 22, 2005

Amendments to the Claims

This listing of claims will replace all prior version, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended): A method for providing a cutting file for a computer numerical control robotic tool to a customer, the method comprising the steps of:

providing at a site remote from the customer through a public communications network or local area network a generic model for a particular product to be made by the customer with a computer numerical control robotic tool;

displaying to the customer a representational image of the product corresponding to the particular product and default design parameters for the image;

allowing the customer to modify through the public communications network or local area network at least one default design parameter and to select final design parameters for the model;

receiving data corresponding to the final design parameters at the site remote from the customer;

generating at the remote site using the generic model for a particular product a cutting file that incorporates the final design parameters; and

making the cutting file available to the customer.

Claim 2 (original): The method for providing a cutting file of claim 1, further comprising the steps of:

generating a final representational image of the product that incorporates the final design parameters; and

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displaying the final representational image to the customer.

Claim 3 (original): The method for providing a cutting file of claim 2, wherein the product comprises a plurality of components, and further comprising the steps of:

generating a representational image of at least one component of the product;

displaying the individual component image; and

allowing the customer to specify tool-related data.

Claim 4 (original): The method for providing a cutting file of claim 1, wherein the step of making the cutting file available to the customer comprises transmitting the cutting file to the customer from a memory system.

Claim 5 (original): The method for providing a cutting file of claim 1, wherein the step of making the cutting file available to the customer comprises storing the cutting file on a memory system accessible to the customer through a public communications network, and further comprising the step of allowing the customer to access the cutting file

Claim 6 (original): The method for providing a cutting file of claim 1, wherein the step of receiving data comprises receiving data through a public communications network.

Claim 7 (original): The method for providing a cutting file of claim 1, further comprising the step of executing a financial transaction in which the customer purchases the cutting file in advance of making the cutting file available to the customer.

Claim 8 (original): The method for providing a cutting file of claim 7, wherein the step of executing a financial transaction comprises executing the financial transaction through a public communications network.

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Claim 9 (currently amended): A method for providing a cutting file for a computer numerical control robotic tool to a customer, the method comprising the steps of:

providing at a site remote from the customer through a public communications network or local area network a generic model for a particular product to be made by the customer with a computer numerical control robotic tool, wherein the product comprises a plurality of components;

displaying to the customer a representational image of the product corresponding to the particular product and default design parameters for the image;

allowing the customer to modify through the public communications network or local area network at least one default design parameter and to select final design parameters for the model;

generating a customized representational image of the product that incorporates the at least one modified design parameter;

displaying the customized representational image to the customer;

generating at least one customized representational image of the individual components;

displaying the at least one customized individual component image to the customer;

receiving data corresponding to the final design parameters at a site remote from the customer through a public communications network;

generating at the remote site using the generic model for a particular product a cutting file that incorporates the final design parameters;

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storing the cutting file on a memory system accessible to the customer through a public communications network;
executing a financial transaction in which the customer purchases the cutting file through a public communications network; and
allowing the customer to access the cutting file.

Claim 10 (currently amended): Apparatus for providing a cutting file for a computer numerical control robotic tool to a customer, the apparatus comprising:

means for providing at a site remote from the customer through a public communications network or local area network a generic model for a particular product to be made by the customer with a computer numerical control robotic tool;

means for displaying to the customer a representational image of the product corresponding to the particular product and default design parameters for the image;

means for allowing the customer to modify through the public communications network or local area network at least one default design parameter and to select final design parameters for the model;

means for receiving data corresponding to the final design parameters at the site remote from the customer;

means for generating at the remote site using the generic model for a particular product a cutting file that incorporates the final design parameters; and

means for making the cutting file available to the customer.

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Claim 11 (original): The apparatus for providing a cutting file of claim 10, further comprising:

means for generating a final representational image of the product that incorporates the final design parameters; and

means for displaying the final representational image to the customer.

Claim 12 (original): The apparatus for providing a cutting file of claim 11, further comprising:

means for generating a representational image of at least one component of the product;

means for displaying the individual component image; and

means for allowing the customer to specify tool-related data.

Claim 13 (original): The apparatus for providing a cutting file of claim 10, wherein the means for making the cutting file available to the customer further comprises means for transmitting the file to the customer from a memory system.

Claim 14 (original): The apparatus for providing a cutting file of claim 10, wherein the means for making the cutting file available to the customer further comprises means for storing the file on a memory system accessible to the customer through a public communications network, and further comprising means for allowing the customer to access the cutting file.

Claim 15 (original): The apparatus for providing a cutting file of claim 10, wherein the means for receiving data further comprises means for receiving data through a public communications network.

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Claim 16 (original): The apparatus for providing a cutting file of claim 10, further comprising means for executing a financial transaction in which the customer purchases the cutting file in advance of making the cutting file available to the customer.

Claim 17 (original): The apparatus for providing a cutting file of claim 16, wherein the means for executing a financial transaction further comprises means for executing the financial transaction through a public communications network.

Claim 18 (currently amended): A computer program product for providing a cutting file for a computer numerical control robotic tool to a customer, the computer program comprising:

instructions for providing at a site remote from the customer through a public communications network or local area network a generic model for a particular product to be made by the customer with a computer numerical control robotic tool;

instructions for displaying to the customer a representational image of the product corresponding to the particular product and default design parameters for the image;

instructions for allowing the customer to modify through the public communications network or local area network at least one default design parameter and to select final design parameters for the model;

instructions for receiving data corresponding to the final design parameters at the site remote from the customer;

instructions for generating at the remote site using the generic model for a particular product a cutting file that incorporates the final design parameters; and

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instructions for making the cutting file available to the customer.

Claim 19 (original): The computer program of claim 18, further comprising:

instructions for generating a final representational image of the product
that incorporates the final design parameters; and

instructions for displaying the customized representational image to the
customer.

Claim 20 (original): The computer program of claim 18, further comprising:

instructions for generating a representational image of at least one com-
ponent of the product;

instructions for displaying the individual component image; and

instructions for allowing the customer to specify tool-related data.

Claim 21 (original): The computer program of claim 18, wherein the instructions
for making the cutting file available to the customer further comprises instructions for
transmitting the file to the customer from a memory system.

Claim 22 (original): The computer program of claim 18, wherein the instructions
for making the cutting file available to the customer further comprises instructions for
storing the file on a memory system accessible to the customer through a public com-
munications network, and further comprising instructions for allowing the customer to
access the cutting file.

Claim 23 (original): The computer program of claim 18, wherein the instructions
for receiving data further comprises instructions for receiving data through a public
communications network.

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Claim 24 (original): The computer program of claim 18, further comprising instructions for executing a financial transaction in which the customer purchases the cutting file in advance of making the cutting file available to the customer.

Claim 25 (original): The computer program of claim 24, wherein the instructions for executing a financial transaction further comprise instructions for executing the financial transaction through a public communications network.

Claim 26 (original): The computer program of claim 18, wherein the instructions for providing a cutting file template further comprise instructions to access a database of generic models for particular products, and the instructions for displaying a representational image of the product corresponding to a particular model further comprise instructions to access a database of representational images.

Claim 27 (original): The computer program of claim 26, wherein the computer program is embodied on a plurality of media enabled to operate a plurality of computer systems interconnected by a network.

Claim 28 (canceled)

Claim 29 (currently amended): A method for a customer to acquire a cutting file for a computer numerical control robotic tool, the method comprising the steps of:

viewing a representational image of the product corresponding to a generic model for a product to be made by the customer with a computer numerical control robotic tool and to default design parameters for the image;

identifying and inputting any desired modifications to the default design parameters, creating final design parameters;

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transmitting data corresponding to the final design parameters through a public communications network or local area network to a site remote from the customer;

requesting a cutting file from the remote site; and

receiving the cutting file.

Claim 30 (original): The method of claim 29, further comprising the step of viewing a final representational image of the product corresponding to final design parameters.

Claim 31 (original): The method of claim 29, further comprising the steps of:
viewing a representational image of at least one component of the product; and

inputting tool-related data.

Claim 32 (original): The method of claim 29, wherein the step of receiving the cutting file is performed directly from a storage medium.

Claim 33 (original): The method of claim 29, wherein the step of receiving the cutting file is performed through a public communications network.

Claim 34 (original): The method of claim 29, wherein the step of transmitting data is performed through a public communications network.

Claim 35 (original): The method of claim 29, further comprising the step executing a financial transaction in which the customer purchases the cutting file in advance of receiving the cutting file.

Claim 36 (original): The method of claim 35, wherein the financial transaction is executed through a public communications network.